

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

JUL 2003

Applicant's or agent's file reference HL/95-22725	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 03/ 07771	International filing date (day/month/year) 17/07/2003	(Earliest) Priority Date (day/month/year) 26/07/2002
Applicant CIBA SPECIALTY CHEMICALS HOLLING INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 05 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

CRISTALLINE POLYMORPHIC AND AMORPHOUS FORMS OF BENAZEPRIL HYDROCHLORIDE

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.



None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/07771

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D223/16 A61K31/55

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WATTHEY J W H ET AL: "SYNTHESIS AND BIOLOGICAL PROPERTIES OF (CARBOXYALKYL)AMINO-SUBSTITUTED BICYCLIC LACTAM INHIBITORS OF ANGIOTENSIN CONVERTING ENZYME" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, US, vol. 28, no. 10, 1985, pages 1511-1516, XP000942750 ISSN: 0022-2623 cited in the application example 17 --- -/--	1-25

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

7 October 2003

Date of mailing of the international search report

17/10/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Von Daacke, A

INTERNATIONAL SEARCH REPORT

International Publication No

PCT/EP 03/07771

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BEYER S K ET AL: "NOTIZ ZUR SYNTHES EINES OPTISCH AKTIVES ACE-HEMMERS MIT AMINO-OXO-BENZAZEPIN-1-ALKANSÄURE-STRUKTU R MITTELS ENANTIOKONVERGIERENDER, KRISTALLISATIONSDUZIERTER RACEMAT-TREUUNG" HELVETICA CHIMICA ACTA, VERLAG HELVETICA CHIMICA ACTA. BASEL, CH, vol. 71, 1988, pages 337-343, XP002207338 ISSN: 0018-019X cited in the application * see compound 3* ---	1-25
X	US 4 575 503 A (WATHEY JEFFREY W H) 11 March 1986 (1986-03-11) cited in the application example 12 ---	1-25
X	EP 0 072 352 A (CIBA GEIGY AG) 16 February 1983 (1983-02-16) cited in the application page 109-111; example 27 ---	1-25
A	YU L ET AL: "PHYSICAL CHARACTERIZATION OF POLYMORPHIC DRUGS: AN INTEGRATED CHARACTERIZATION STRATEGY" PHARMACEUTICAL SCIENCE AND TECHNOLOGY TODAY, ELSEVIER TRENDS JOURNALS, CAMBRIDGE,, GB, vol. 1, no. 3, June 1998 (1998-06), pages 118-127, XP000949322 ISSN: 1461-5347 the whole document -----	1-25

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/07771

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4575503	A	11-03-1986	US 4473575 A 25-09-1984
			AT 50989 T 15-03-1990
			AT 48598 T 15-12-1989
			AU 574061 B2 30-06-1988
			AU 2443084 A 16-08-1984
			CA 1218993 A1 10-03-1987
			CA 1225397 A1 11-08-1987
			CY 1674 A 10-10-1993
			DD 218359 A5 06-02-1985
			DE 3480705 D1 18-01-1990
			DE 3481612 D1 19-04-1990
			DK 58184 A 11-08-1984
			DK 58284 A 11-08-1984
			EP 0119954 A2 26-09-1984
			EP 0119955 A2 26-09-1984
			ES 8609261 A1 16-12-1986
			ES 8707216 A1 01-10-1987
			ES 8702363 A1 16-03-1987
			ES 8703859 A1 16-05-1987
			ES 8609262 A1 16-12-1986
			ES 8705409 A1 16-07-1987
			ES 8609263 A1 16-12-1986
			ES 8609264 A1 16-12-1986
			ES 8700239 A1 01-01-1987
			ES 8609265 A1 16-12-1986
			FI 840513 A ,B, 11-08-1984
			GR 79809 A1 31-10-1984
			HK 97592 A 11-12-1992
			HU 192394 B 29-06-1987
			IE 56858 B1 01-01-1992
			IL 70881 A 30-10-1987
			JP 1774456 C 14-07-1993
			JP 4060108 B 25-09-1992
			JP 59172473 A 29-09-1984
			JP 1736778 C 26-02-1993
			JP 4021665 B 13-04-1992
			JP 59172475 A 29-09-1984
			KR 9009023 B1 17-12-1990
			NO 840487 A ,B, 13-08-1984
			NZ 207091 A 08-11-1985
			PT 78075 A ,B 01-03-1984
			SG 94992 G 04-12-1992
			ZA 8400958 A 26-09-1984
EP 0072352	A	16-02-1983	AR 240806 A1 28-02-1991
			AR 240807 A1 28-02-1991
			AT 18397 T 15-03-1986
			AU 561395 B2 07-05-1987
			AU 8701482 A 12-05-1983
			CA 1196636 A1 12-11-1985
			CY 1403 A 18-12-1987
			DD 202546 A5 21-09-1983
			DE 3269625 D1 10-04-1986
			DK 358682 A ,B, 12-02-1983
			EP 0072352 A1 16-02-1983
			ES 8502974 A1 01-05-1985
			ES 8601142 A1 16-02-1986
			ES 8606285 A1 01-10-1986

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/07771

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0072352	A	ES 8504728 A1	16-07-1985
		ES 8604523 A1	01-07-1986
		ES 8602682 A1	16-03-1986
		FI 822770 A ,B,	12-02-1983
		GB 2103614 A ,B	23-02-1983
		GR 77256 A1	11-09-1984
		HK 93387 A	18-12-1987
		HU 189628 B	28-07-1986
		IE 53668 B1	04-01-1989
		IL 66501 A	20-10-1987
		JP 1802522 C	26-11-1993
		JP 5007384 B	28-01-1993
		JP 58038260 A	05-03-1983
		KR 8903425 B1	20-09-1989
		KR 9001190 B1	28-02-1990
		KR 9001191 B1	28-02-1990
		NO 822722 A ,B,	14-02-1983
		NZ 201555 A	11-06-1986
		PT 75395 A ,B	01-09-1982
		ZA 8205779 A	25-04-1984
		US 4410520 A	18-10-1983